

BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of work: Estimate for Improvement and Asphaltting to APC Layout Roads in
Ward No. 09, Vidyaranyapura Sub Division.

		Estimate Cost Rs.						3000000.00	
SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. Page No. 138 / Item No. 19.1 / PWD SR 2014-15	Cum							
	APC 2nd cross road LHS		2	180.00	0.45	0.35	56.70		
	APC Layout road 3rd Cross LHS		2	160.00	0.45	0.35	50.40		
	APC Layout Main Road		2	300.00	0.45	0.35	94.50		
	3rd Cross Lakeshore Garden		2	180.00	0.45	0.35	56.70		
	APC Layout 1st Cross RHS		2	100.00	0.45	0.35	31.50		
	APC Layout 2nd Cross RHS		2	90.00	0.45	0.35	28.35		
	APC Layout 3rd Cross RHS		2	80.00	0.45	0.35	25.20		
	APC 2nd cross road LHS		2	180.00	1.20	0.20	86.40		
	APC Layout road 3rd Cross LHS		2	160.00	1.20	0.20	76.80		
	APC Layout Main Road		2	300.00	1.20	0.20	144.00		
	3rd Cross Lakeshore Garden		2	180.00	1.00	0.20	72.00		
	APC Layout 1st Cross RHS		2	100.00	1.00	0.20	40.00		
	APC Layout 2nd Cross RHS		2	90.00	1.20	0.20	43.20		
	APC Layout 3rd Cross RHS		2	80.00	1.20	0.20	38.40		
							844.15	75.60	63818.00
	Basic Rate	70.00							
	Area Weightage @8%	5.60							
	Total	75.60							
2	Removing B.S Slab of Drain and stacking Page No. 25 / Item No. 5.32 / PWD SR 2014-15	Sqm							
	APC 2nd cross road LHS		2	180.00		1.35	486.00		
	APC Layout road 3rd Cross LHS		2	160.00		1.35	432.00		
	APC Layout Main Road		2	300.00		1.35	810.00		
	3rd Cross Lakeshore Garden		2	180.00		1.35	486.00		
	APC Layout 1st Cross RHS		2	100.00		1.35	270.00		
	APC Layout 2nd Cross RHS		2	90.00		1.35	243.00		
	APC Layout 3rd Cross RHS		2	80.00		1.35	216.00		
							2943.00	58.32	171636.00
	Basic Rate	54.00							
	Area Weightage @ 8%	4.32							
	Total	58.32							
3	Refixing stone slabs of drains and pointing in C.M (1:3) Page No. 25 / Item No. 5.33 / PWD SR 2014-15	Sqm							

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic Rate	70.00							
	Area Weightage @ 8%	5.60							
	Total	75.60							
4	KSRRB 300-47: scarifying kankar / gravel / metal crust upto 150mm thick with pick axes and disposal of stuff within a lead of 100 meters including cost of all labour charges complete as per specifications MORTH chapter 3, No. 143 / Item No. 19.53 / PWD SR 2014-15	Sqm							
	APC 2nd cross road LHS		1	180.00	5.50		990.00		
	APC Layout road 3rd Cross LHS		2	160.00	1.50		480.00		
	APC Layout Main Road		2	300.00	1.25		750.00		
	3rd Cross Lakeshore Garden		2	180.00	1.35		486.00		
	APC Layout 1st Cross RHS		2	100.00	1.30		260.00		
	APC Layout 2nd Cross RHS		2	90.00	1.25		225.00		
	APC Layout 3rd Cross RHS		2	80.00	1.35		216.00		
							3407.00	22.68	77271.00
	Basic Rate	21.00							
	Area Weightage @ 8%	1.68							
	Total	22.68							
5	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to wet mix macadam specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per MORTH specification NO. 406, Page No. 154 / Item No. 20.18 / PWD SR 2014-15	Cum							
	APC 2nd cross road LHS		1	180.00	5.50	0.15	148.50		
	APC Layout road 3rd Cross LHS		2	160.00	1.50	0.15	72.00		
	APC Layout Main Road		2	300.00	1.25	0.15	112.50		
	3rd Cross Lakeshore Garden		2	180.00	1.35	0.20	97.20		
	APC Layout 1st Cross RHS		2	100.00	1.30	0.20	52.00		
	APC Layout 2nd Cross RHS		2	90.00	1.25	0.20	45.00		
	APC Layout 3rd Cross RHS		2	80.00	1.35	0.15	32.40		
							559.60	1438.56	805018.00
	Basic Rate	1332.00							
	Area Weightage @ 8%	106.56							
	Total	1438.56							

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
6	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60 Kg / sqm using mechanical means complete as per specifications. MORTH specification NO. 502, Page No. 157 / Item No. 21.6 / PWD SR 2014-15	Sqm							
	APC 2nd cross road LHS		1	180.00	5.50		990.00		
	APC Layout road 3rd Cross LHS		1	160.00	5.50		880.00		
	APC Layout Main Road		1	300.00	6.00		1800.00		
	3rd Cross Lakeshore Garden		1	180.00	5.00		900.00		
	APC Layout 1st Cross RHS		1	100.00	5.00		500.00		
	APC Layout 2nd Cross RHS		1	90.00	5.00		450.00		
	APC Layout 3rd Cross RHS		1	80.00	5.00		400.00		
							5920.00	31.32	185414.00
	Basic Rate	29.00							
	Area Weightage @ 8%	2.32							
	Total	31.32							
7	KSRRB M500-18: Providing and laying semi dense bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects as per specifications. with 100-120 TPH capacity H.M.P with sensor paver Gr-II (25 mm to 30 mm) with 5 % VG-30 Bitumen Page No. 159 / Item No. 21.20.2 / PWD SR 2014-15	Cum							
	APC 2nd cross road LHS		1	180.00	5.50	0.025	24.75		
	APC Layout road 3rd Cross LHS		1	160.00	5.50	0.025	22.00		
	APC Layout Main Road		1	300.00	6.00	0.025	45.00		
	3rd Cross Lakeshore Garden		1	180.00	5.00	0.025	22.50		
	APC Layout 1st Cross RHS		1	100.00	5.00	0.025	12.50		
	APC Layout 2nd Cross RHS		1	90.00	5.00	0.025	11.25		
	APC Layout 3rd Cross RHS		1	80.00	5.00	0.025	10.00		
							148.00		
	Depression Filling @ 10%						14.80		
							162.80	8500.00	1383800.00
	as per Revised Basic Rate	7848.00							
	Area Weightage @ 8%	627.84							
	Total	8475.84							

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE, BYATARAYANAPURA DIVISION

Lead Statement for Srinivasapura Dumping Yard for Ward No. 09,
Vidyaranyapura Sub Division.

Lead Distance

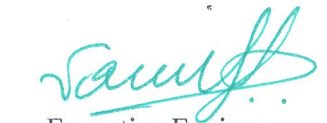
1. From BBMP Sub Division office to Devi Circle	1.50 Kms
2. From Devi Circle to Thirumala Daba	2.00 Kms
3. From Thirumala Daba to 3 rd Cross SBI Bank	2.00 Kms
4. From 3 rd Cross SBI Bank to Sheshadripuram College	0.50 Kms
5. From Sheshadripuram College to Police Station	0.80 Kms
6. From Police Station to Kogilu Cross	0.60 Kms
7. From Kogilu Cross to Srinivasapura	4.00 Kms
8. From Srinivasapura to Dumping Yard	<u>0.50 Kms</u>
Total	11.90 Kms

Certificate:

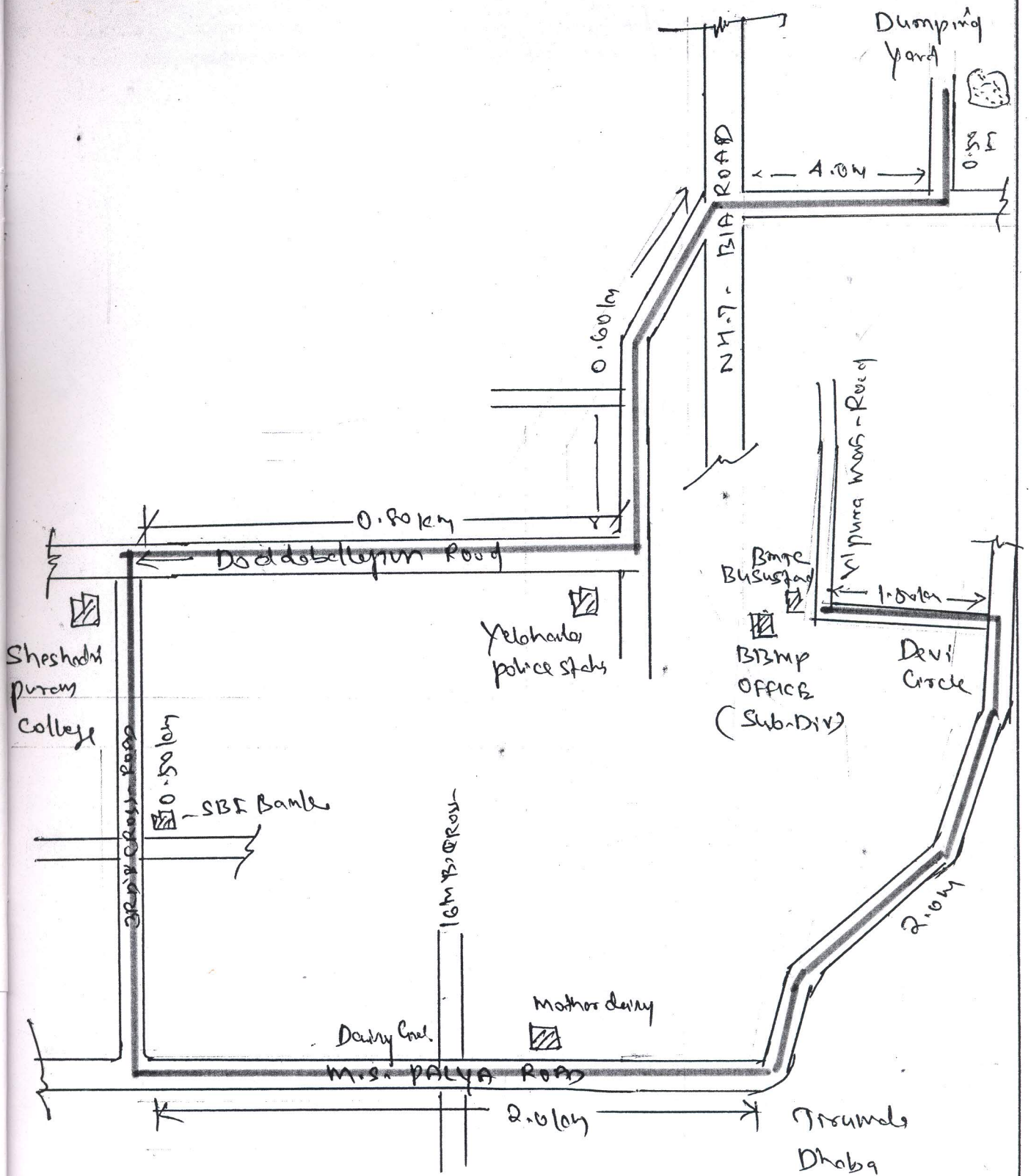
1. Certified that the Srinivasapura Dumping Yard is the approved dumping yard for ward no. 09 BBMP
2. BBMP Sub Division office Vidyaranyapura is taken as the centre place for calculating the lead distance for ward no. 09.
3. The above distance is the shortest distance for calculating the lead.


Assistant Engineer
Ward No. 09


Assistant Executive Engineer
Vidyaranyapura Sub Division


Executive Engineer
Byatarayanapura Division

LEAD CHART FOR DUMPING-YARD FOR WARD NO 9



2-6

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ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ಪಟ್ಟಣ,
ಬಿ. ಬಿ. ಮ. ಕಾ. ಬೆಂಗಳೂರು-97